

# **CENTREX SERVICE**

## **CLEC Informational Package**

**(This information is provided solely as a convenient reference for BellSouth's customers. While BellSouth believes information contained herein to be consistent with applicable tariffs, the tariffs shall prevail in any instance in which an inconsistency may exist.)**

## CENTREX SERVICE

### 1. Service Description

Centrex service is a tariffed BellSouth Telecommunications Service offering in Alabama and Florida. The service is obsoleted and is no longer available for sales to new customers. The following describes the application of this service in the intraLATA market only.

#### What is it?

Centrex service combines the advantages of two offerings, dial PBX and individual business lines. It serves one or more customers from a switching machine located in a BellSouth Telecommunications, Inc. LAESS central office and offers customers a complete communications system at a package rate. Centrex I & II packages offer the same functions or features as PBX systems. The Centrex station line has the same characteristics of both an individual business line and a PBX station line.

The service is primarily designed for businesses with a high ratio of incoming central office calls that could otherwise go directly to the station user (a.k.a, Direct Inward Dialing). If a caller does not know the specific extension number, they can call the company's main listed number and will be answered by an attendant, then routed to the station number.

Centrex service provides an arrangement of switching equipment and station lines for intercommunicating among station lines and for connection through the local and long distance telephone network to other subscribers on a dial basis without immediate handling by an attendant.

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Trunk Answer Any Station - night arrangement where incoming calls may be answered from any station by dialing a code.

Code Restriction to NXX Assigned to 900 Services - either per system or per main station line.

Code Restriction to NXX Assigned to 976 Services - per main station line.

- ♦ No switching equipment is required on the customer's premises.
- ♦ Each line terminates on a cable pair extended from the CO to the customer's premises.
- ♦ An RJ21X jack is the interface between the customer equipment and the station line.
- ♦ The customer is responsible for the connection of lines into their terminating equipment (telephone sets).
- ♦ Each line has a 7-digit telephone number.
- ♦ Rates and charges are based on system size and term of contract.

## 2. Tariff References/Where can it be found?

Centrex service is obsoleted and can be found in Section A112 of the BellSouth Telecommunications, Inc. General Subscriber Service(s) Tariff (GSST) in Florida and Section A110 of the same tariff in Alabama. It should be noted that existing customers can no longer make additions to their system.

## 3. Installation Intervals

Normal Installation Intervals	No
Project Coordination	Yes

Since no service additions are allowed, there are no service installation intervals beyond repair dispatch.

## 4. Ordering Guidelines

To order the CLEC should complete the following forms and submit them to their Account Team:

- Local Service Request (Located in Resale Ordering Guide)
- End User Information (Located in Resale Ordering Guide)

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**ESSX<sup>R</sup> SERVICE  
AND  
Digital ESSX<sup>R</sup> SERVICE  
CLEC Informational Package**

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## ESSX SERVICE and Digital ESSX SERVICE

### 1. Service Overview

ESSX service is a tariffed BellSouth Telecommunications Service offering. The following describes the application of this service in the intraLATA market only.

What is it?

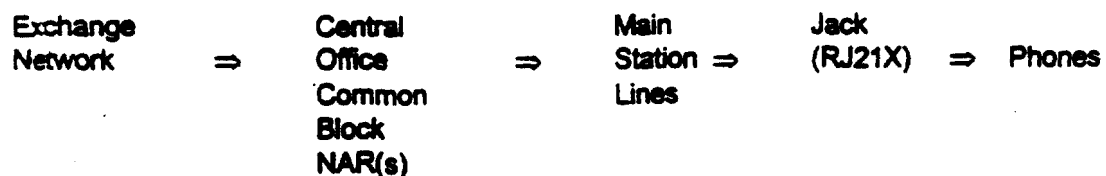
ESSX service and Digital ESSX service provide an arrangement of switching equipment and station lines for intercommunicating among the system station lines and for connecting through the local and long distance message network to other subscribers on a dial basis. ESSX service is available in the 1AESS and Digital ESSX is available in the DMS-100, 5ESS, EWSD and Stromberg Carlson DCO central office equipment located on Company premises and associated facilities arranged to provide basic service capabilities / features. This service is a central office based service which is feature rich.

### ESSX Service and DIGITAL ESSX Service Characteristics

- ♦ Central Office based telecommunications exchange service.
- ♦ No switching equipment is required on the customer's premises.
- ♦ Each line terminates on a cable pair extended from the CO to the customer's premises.
- ♦ An RJ21X jack is the interface between the customer equipment and the station line.
- ♦ The customer is responsible for the connection of lines into their terminating equipment (telephone sets).
- ♦ Each line has a 7-digit telephone number.
- ♦ Customer must have a minimum of four (4) station links per system.
- ♦ Network Access Registers (NARs) must be purchased for network access.
- ♦ Rates and charges are based on system size and term of contract.

ESSX ISDN service is included in Section A112 of the GSST. MegaLink service, Channalized MegaLink service and Synchronet service may be ordered from other BellSouth Telecommunications, Inc. tariffs in conjunction with the ESSX family of services.

### Major Components of ESSX Service and Digital ESSX Service



The Common Block is the software area in the central office which contains the programming information for ESSX service and Digital ESSX service. Each ESSX service or Digital ESSX service system has a unique common block.

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Basic ESSX service and Digital ESSX service includes:

1. Exchange and long distance message network calls may be made to main stations by dialing the number associated with that main station line or attendant position.
2. Exchange and long distance message network calls may be made from main stations via direct outward dialing.
3. Station-to-station intercommunication via two to seven-digit dialing between stations of the subscriber's system.
4. Outgoing long distance message calls dialed by a main station will be identified by the seven-digit station number. Only calls billed to the subscriber by the Company will be provided this identification.
5. Basic station line hunting.
6. Touch-Tone service.
7. Common recorded announcement interception of calls to unassigned station numbers.

ESSX Service Components:

- **Station Lines**      Designed for multi-location customers with a minimum of 4 station lines. Station Lines are mileage sensitive. Rates and charges for Station Lines are dependent on the size of the customer's system (Very Small, Small, Medium or Large) and the term of contract the customer desires.
- **Network Access**      Network access provided via Network Access Registers (NARs).
- **Optional**      Area Communications Service (ACS)
- **Capabilities**      Electronic Tandem Switching Feature (ETS)  
Multi-Account Service  
ECAS
- **Features**      Offers a la carte features. There is also an option to group a limited number of specified features together to develop a Feature Package.
- **Switch Types**      1AESS  
2BESS
- **DS1 / DS0**      Includes DS1 /DS0 terminations.

Digital ESSX Service Components:

- **Station Lines**      Designed for multi-location customers with a minimum of 4 station lines. Station Lines are mileage sensitive. Rates and charges for Station Lines are dependent on the size of the customer's system (Very Small, Small, Medium or Large) and the term of contract the customer desires.
- **Network Access**      Network access provided via Network Access Registers (NARs).
- **Optional**      Area Communications Service (ACS)
- **Capabilities**      Electronic Tandem Switching Feature (ETS)  
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- **Features**      Offers a la carte features. There is also an option to group a limited number of specified features together to develop a Feature Package.

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**TAB 34**

## **CUSTOM CALLING SERVICE INFORMATION PACKAGE**

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## **Custom Calling Services INFORMATION PACKAGE**

### **1. Service Description**

#### **A. Basic Service Description - Custom Calling Services**

- B. Basic Service Capabilities** - Custom Calling services are optional network features, which are offered on a subscription basis or for the Three-Way Calling features, on a per use basis. They are offered to meet residential customers' need for making their life easier and having more control over their telephone services.

#### **C. Feature Interaction and How Does the Service Work**

**Call Waiting** - By means of a tone signal, a customer who is using the telephone is alerted when another caller is trying to reach that station. The customer may choose to put first call on hold so that second call can be answered. In central offices where the capability exists, subscribers to Call Waiting may dial activate a Control Call Waiting feature. Before a call is initiated, the subscriber may activate the Control Call Waiting feature and Call Waiting is then made inoperative on the first call initiated by the subscriber immediately following activation of the cancel feature. The feature may also be activated after a call is established, if the customer subscribes to a service that allows flash-hook privileges such as Three-Way Calling. Call Waiting is restored automatically on termination of such a call. During the time the Control Call Waiting feature is activated, incoming callers receive a busy tone.

**Speed Calling 8 & 30** - allows a customer to reach frequently called numbers by dialing one or two numbers rather than the entire telephone number. Speed Calling 8 enables a customer to store up to eight numbers, while Speed Calling 30 allows up to 30 numbers to be stored.

**Three-Way Calling** - enables a customer to talk to two people at different locations at the same time. Three-Way Calling is activated by calling one party, depressing the flash hook, calling the second party and depressing the flash hook again to join all three parties. Three-Way Calling is available on a subscription or per use basis.

**Call Forwarding Variable** - allows a customer to forward incoming calls to a different telephone number within or outside of the local calling area (long distance may apply). To use the feature, the customer must press 72# on a Touch-tone phone or 1172 on a

rotary phone, listen for a second dial tone, dial the telephone number to which the calls are to be forwarded, listen for two short tones and when the called party answers, the feature will be in effect. If the called party's line is busy or no one answers, the feature will still be in effect. The customer must be at the location where the service is subscribed to be able to activate Call Forwarding Variable.

**Remote Access to Call Forwarding** - allows a customer to forward incoming calls to a different telephone number within or outside of the local calling area (long distance charges may apply). To use the feature, the customer dials the home or office telephone number that has Remote Access to Call Forwarding and then enters their Personal Identification number, followed by the "\*" key. The customer must dial 72#, along with the telephone number to which the calls are to be transferred. When the customer activates the feature, they do not have to be at the subscribed service location.

## **2. Tariff References/Price List References**

Tariff information relating to Custom Calling services can be found in the General Subscriber Services Tariff (GSST), section A13.

## **3. Installation Intervals**

The intervals for service activation in the wholesale arena will duplicate the procedures and intervals used in the retail environment.

Normal Installation Intervals      Yes ☒ No ☐

Project Coordination Required      Yes ☐ No ☒

## **4. Service Inquiry & Ordering Guidelines:**

Following are the forms required to be submitted to the LCSC for order issuance:

- Local Service Request Form
- End User Information Form
- Resale Service Form

Copies of the forms with line-by-line instructions are located in the Resale Ordering Guide.

**TAB 35**

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#### **C. Feature Interaction and How Does the Service Work**

**Call Waiting** - By means of a tone signal, a customer who is using the telephone is alerted when another caller is trying to reach that station. The customer may choose to put first call on hold so that second call can be answered. In central offices where the capability exists, subscribers to Call Waiting may dial activate a Control Call Waiting feature. Before a call is initiated, the subscriber may activate the Control Call Waiting feature and Call Waiting is then made inoperative on the first call initiated by the subscriber immediately following activation of the cancel feature. The feature may also be activated after a call is established, if the customer subscribes to a service that allows flash-hook privileges such as Three-Way Calling. Call Waiting is restored automatically on termination of such a call. During the time the Control Call Waiting feature is activated, incoming callers receive a busy tone.

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**Remote Access to Call Forwarding** - allows a customer to forward incoming calls to a different telephone number within or outside of the local calling area (long distance charges may apply). To use the feature, the customer dials the home or office telephone number that has Remote Access to Call Forwarding and then enters their Personal Identification number, followed by the "\*" key. The customer must dial 72#, along with the telephone number to which the calls are to be transferred. When the customer activates the feature, they do not have to be at the subscribed service location.

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Normal Installation Intervals      Yes ☒ No ☐

Project Coordination Required      Yes ☐ No ☒

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**Remote Access to Call Forwarding** - allows a customer to forward incoming calls to a different telephone number within or outside of the local calling area (long distance charges may apply). To use the feature, the customer dials the home or office telephone number that has Remote Access to Call Forwarding and then enters their Personal Identification number, followed by the "\*" key. The customer must dial 72#, along with the telephone number to which the calls are to be transferred. When the customer activates the feature, they do not have to be at the subscribed service location.

## **2. Tariff References/Price List References**

Tariff information relating to Custom Calling services can be found in the General Subscriber Services Tariff (GSST), section A13.

## **3. Installation Intervals**

The intervals for service activation in the wholesale arena will duplicate the procedures and intervals used in the retail environment.

Normal Installation Intervals      Yes ☒ No ☐

Project Coordination Required      Yes ☐ No ☒

## **4. Service Inquiry & Ordering Guidelines:**

Following are the forms required to be submitted to the LCSC for order issuance:

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- End User Information Form
- Resale Service Form

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## **Custom Calling Services INFORMATION PACKAGE**

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#### **A. Basic Service Description - Custom Calling Services**

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#### **C. Feature Interaction and How Does the Service Work**

**Call Waiting** - By means of a tone signal, a customer who is using the telephone is alerted when another caller is trying to reach that station. The customer may choose to put first call on hold so that second call can be answered. In central offices where the capability exists, subscribers to Call Waiting may dial activate a Control Call Waiting feature. Before a call is initiated, the subscriber may activate the Control Call Waiting feature and Call Waiting is then made inoperative on the first call initiated by the subscriber immediately following activation of the cancel feature. The feature may also be activated after a call is established, if the customer subscribes to a service that allows flash-hook privileges such as Three-Way Calling. Call Waiting is restored automatically on termination of such a call. During the time the Control Call Waiting feature is activated, incoming callers receive a busy tone.

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## **2. Tariff References/Price List References**

Tariff information relating to Custom Calling services can be found in the General Subscriber Services Tariff (GSST), section A13.

## **3. Installation Intervals**

The intervals for service activation in the wholesale arena will duplicate the procedures and intervals used in the retail environment.

Normal Installation Intervals      Yes ☒ No ☐

Project Coordination Required      Yes ☐ No ☒

## **4. Service Inquiry & Ordering Guidelines:**

Following are the forms required to be submitted to the LCSC for order issuance:

- Local Service Request Form
- End User Information Form
- Resale Service Form

Copies of the forms with line-by-line instructions are located in the Resale Ordering Guide.

**TAB 38**

# **DID Service CLEC Information Package**

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## DID Service

### **1. Service Description**

#### **A. Basic Service Features:**

DID Service is an inward only, designed, trunk side service that enables customers to have fewer DID trunks/NARs than telephone numbers, while bypassing the PBX attendant. DID Service completes incoming calls to a PBX system, Telephone Answering Service, or other Customer Premises Equipment that requires out-pulsing-of-digits from the network to reach a specific station line without the assistance of an attendant.

#### **B. Basic Service Capabilities and Restrictions:**

DID Service requires at least one DID trunk to work in association with the DID stations. Probably more than one trunk will be necessary. It is the customer's responsibility to provide the number of DID trunks necessary to work in association with the number of DID stations requested.

DID Service must be provided on all lines in a trunk group arranged for inward Service. Where DID is required on more than one group of trunks or central office lines, each such group shall be considered as a separate DID Service.

**Disconnected DID Numbers:** The customer shall be responsible for providing interception of calls to vacant and non-working assigned DID numbers by means of attendant intercept or recorded announcement service.

**DID Number Quantity:** DID numbers are secured in blocks of twenty numbers. Therefore, whether a customer wants 3 DID numbers or 10 DID numbers, the customer pays for a block of 20 numbers.

**DID Number Growth:** A customer who anticipates growth may also reserve blocks of DID numbers. If the customer's working DID numbers range from 6500 to 6559, for example, the customer may wish to reserve two more blocks of 20 number, 6560 to 6599, so that their DID numbers may remain consecutive as the business grows. (Refer to the tariff for rules and billing for reserved numbers. State tariffs vary.)

**DID Trunk Termination:** A DID trunk termination is required for each of the inward trunks to be used for DID Service to the PBX. This rate element USOC applies a charge for the DID switching functions that the central office performs. The USOC for DID trunk termination is NDT. The DID termination charge does not include the charge for the inward trunk itself. That charge must also be applied. From the customer's viewpoint, these inward trunks with DID central office terminations are called DID trunks.